

CLAIMS

What is claimed is:

1. A method of registering a domain name, comprising:
- 5 receiving from a registrant a request for registration of a native language domain name, said native language domain name including at least one non-alphanumeric character;
- converting each of said at least one non-alphanumeric character to a corresponding alphanumeric character to produce an alphanumeric domain name;
- 10 and
- registering said alphanumeric domain name with an authorized alphanumeric domain name registrar.
2. The method of registering a domain name in accordance with claim 1,
- 15 further comprising:
- reserving said native language domain name for an exclusive use by said registrant.
3. The method of registering a domain name in accordance with claim 1,
- 20 further comprising:
- determining whether said alphanumeric domain name was already registered by another entity other than said registrant.
4. The method of registering a domain name in accordance with claim 1,
- 25 further comprising:
- adding an entry in a domain name server database, said added entry defining unique correspondence relationship between said alphanumeric domain name and an Internet Protocol (IP) address of a web site of said registrant.

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5. The method of registering a domain name in accordance with claim 1, further comprising:

5 sending, upon registration of said alphanumeric domain name, to said registrant a confirmation message indicating completion of registration of said native language domain name.

6. The method of registering a domain name in accordance with claim 1, wherein:

10 each of said at least one non-alphanumeric character is converted to said corresponding alphanumeric character based on Unicode standard.

7. The method of registering a domain name in accordance with claim 1, wherein:

15 said alphanumeric domain name has a fixed number of character width.

8. The method of registering a domain name in accordance with claim 7, wherein:

said fixed number of character width is sixty-four.

20 9. A method of establishing a communication link between a user computer and a destination website over a world wide web network, comprising:

receiving a universal resource locator of said destination website, said universal resource locator having a native language domain name that comprises at least one non-alphanumeric character:

25 converting each of said at least one non-alphanumeric character to a corresponding alphanumeric character to produce an alphanumeric domain name;

performing a domain name server inquiry using said alphanumeric domain name to obtain an Internet Protocol (IP) address of said destination website; and

30 establishing said communication link between said user computer and said destination website using said Internet Protocol (IP) address.

10 The method of establishing said communication link between said user computer and said destination website in accordance with claim 9, wherein:

each of said at least one non-alphanumeric character is converted to said corresponding alphanumeric character based on Unicode standard.

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11 The method of establishing said communication link between said user computer and said destination website in accordance with claim 9, wherein:

said alphanumeric domain name has a fixed number of character width.

10 12 The method of establishing said communication link between said user computer and said destination website in accordance with claim 11, wherein:

said fixed number of character width is sixty-four.

13. A domain name registration system, comprising:

15 a native language domain name registrar configured to receive a request for registration of a native language domain name, said native language domain name including at least one non-alphanumeric character;

20 wherein said native language domain name registrar is configured to convert each of said at least one non-alphanumeric character to a corresponding alphanumeric character to produce an alphanumeric domain name, and is further configured to register said alphanumeric domain name with an authorized alphanumeric domain name registrar.

25 14. The domain name registration system according to claim 13, further comprising:

a domain name server having a database, said database having a plurality of entries defining unique correspondence relationships between a plurality of alphanumeric domain name and respective ones of a plurality of Internet Protocol (IP) addresses.

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